(Prior Art)

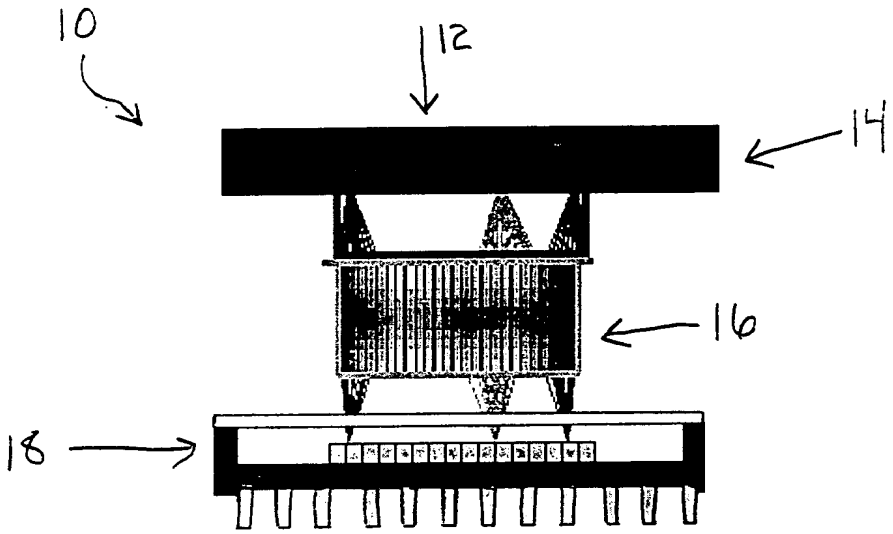

Fig. 1

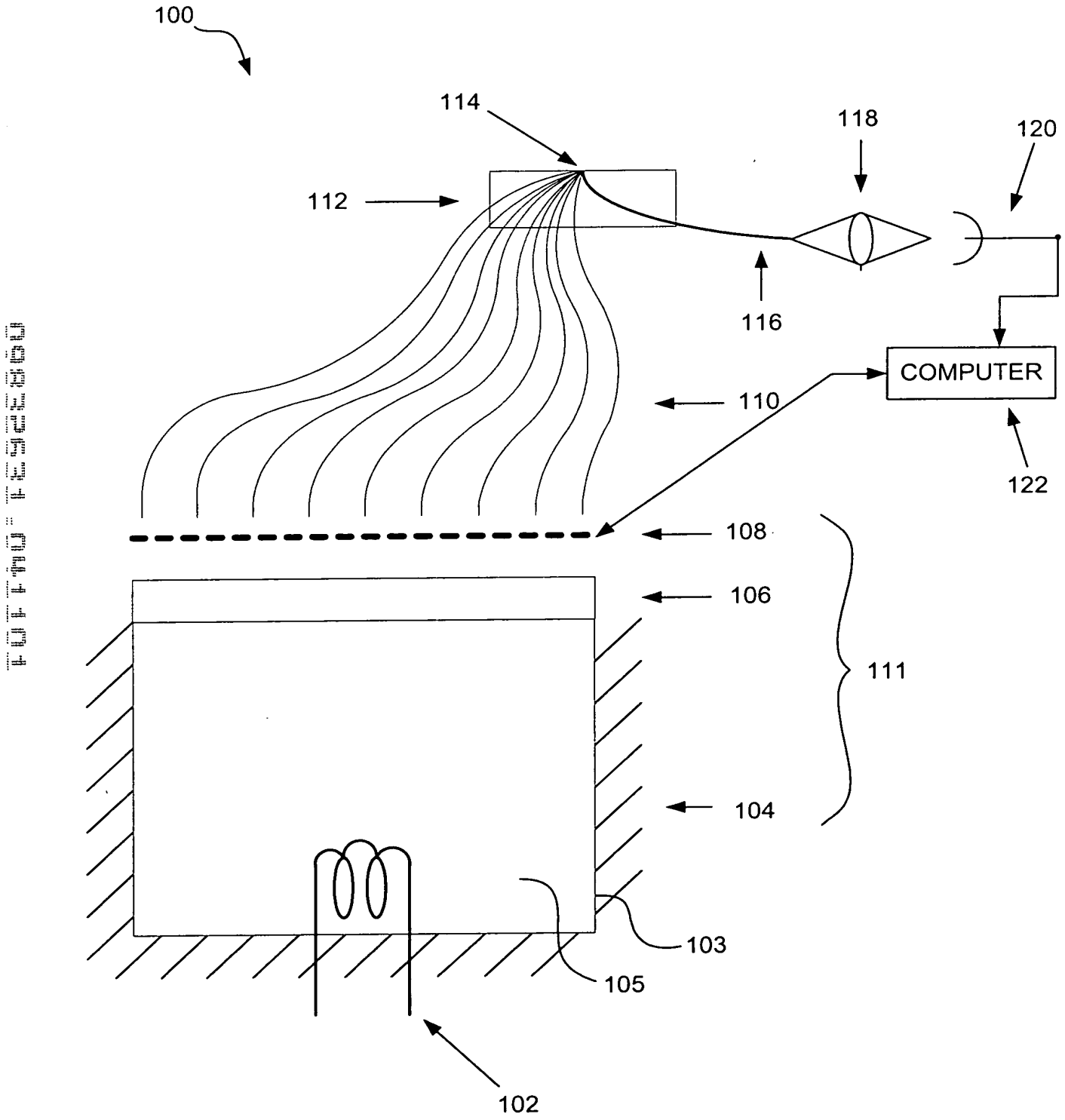
100
114
118
120
112
116
COMPUTER
110
122
108
106
111
104
103
105
102

Figure 2

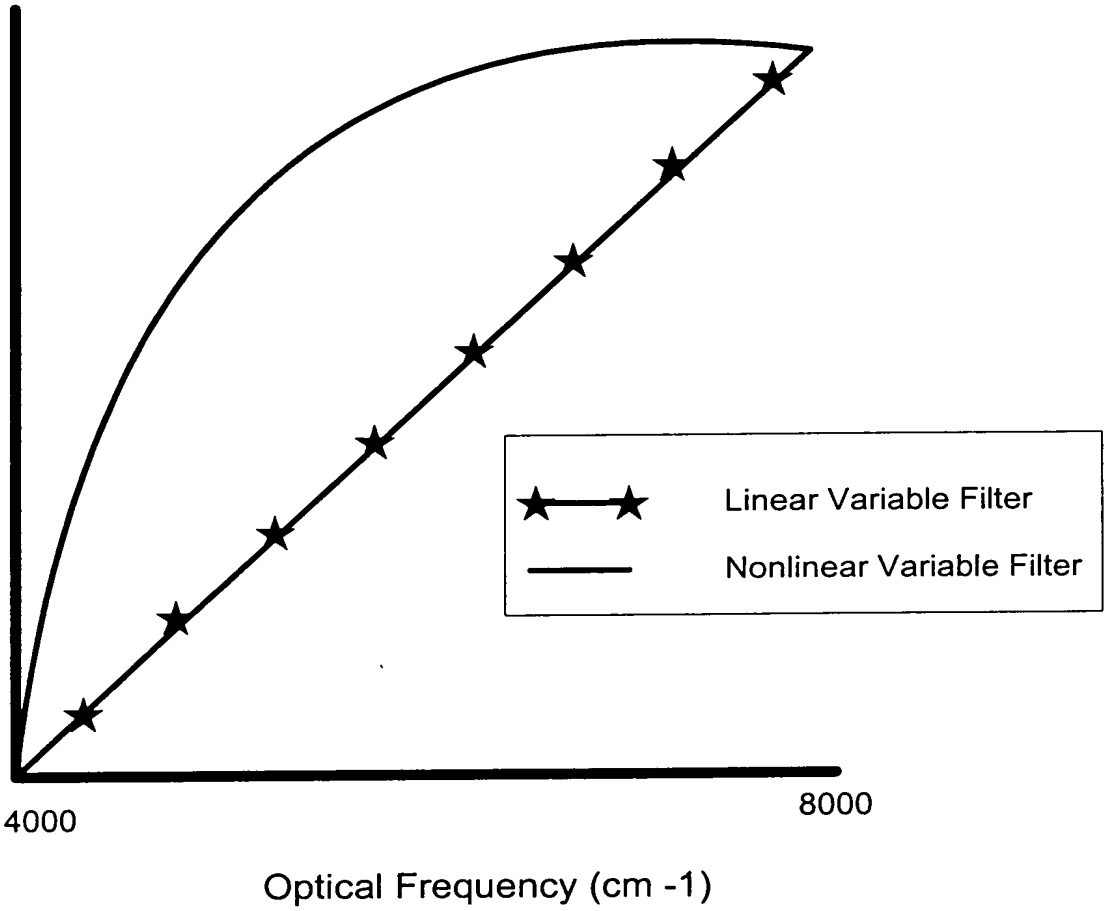
Position along LVF
Linear Variable Filter
Nonlinear Variable Filter
4000
8000
Optical Frequency (cm -1)

Figure 3

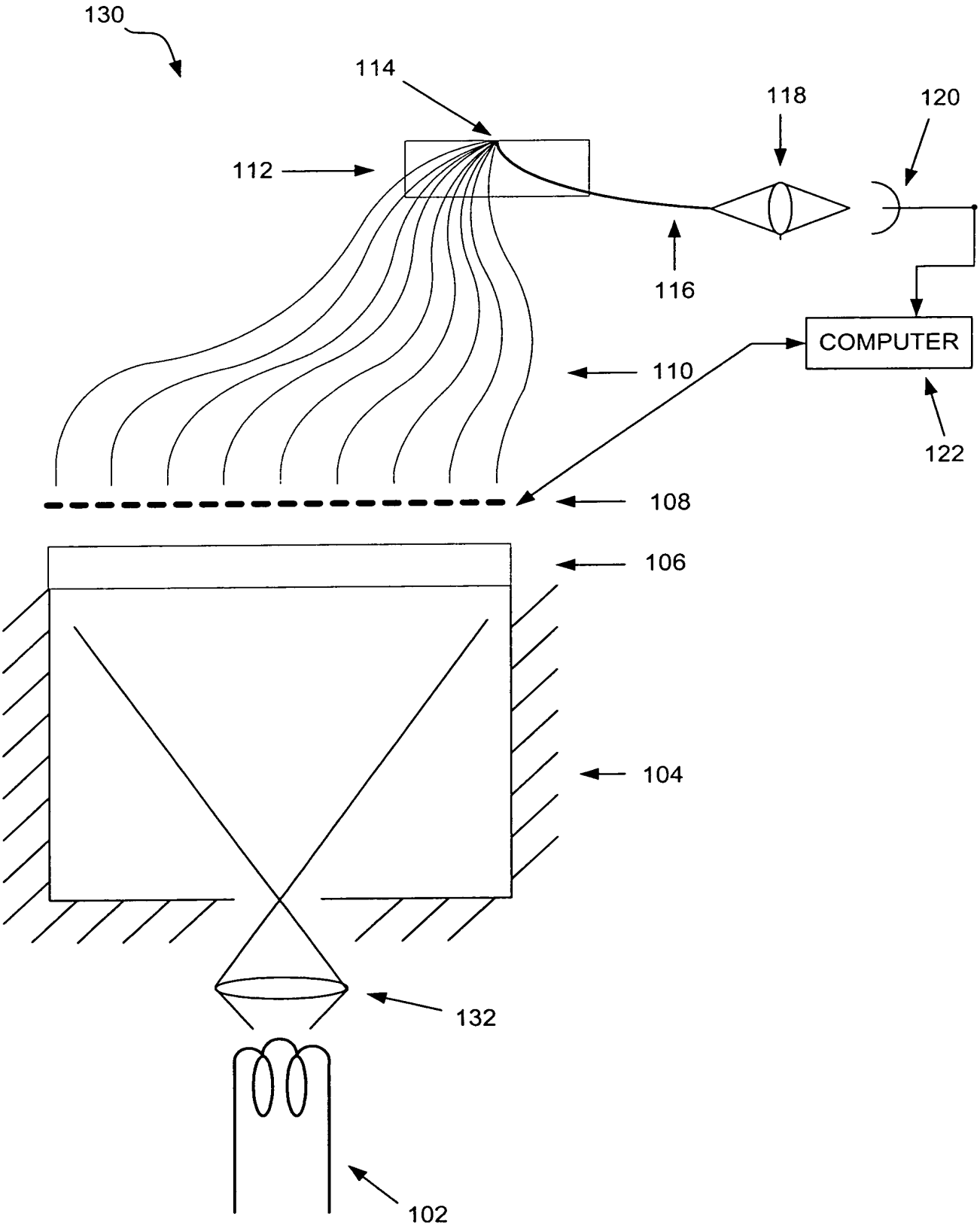

Figure 4

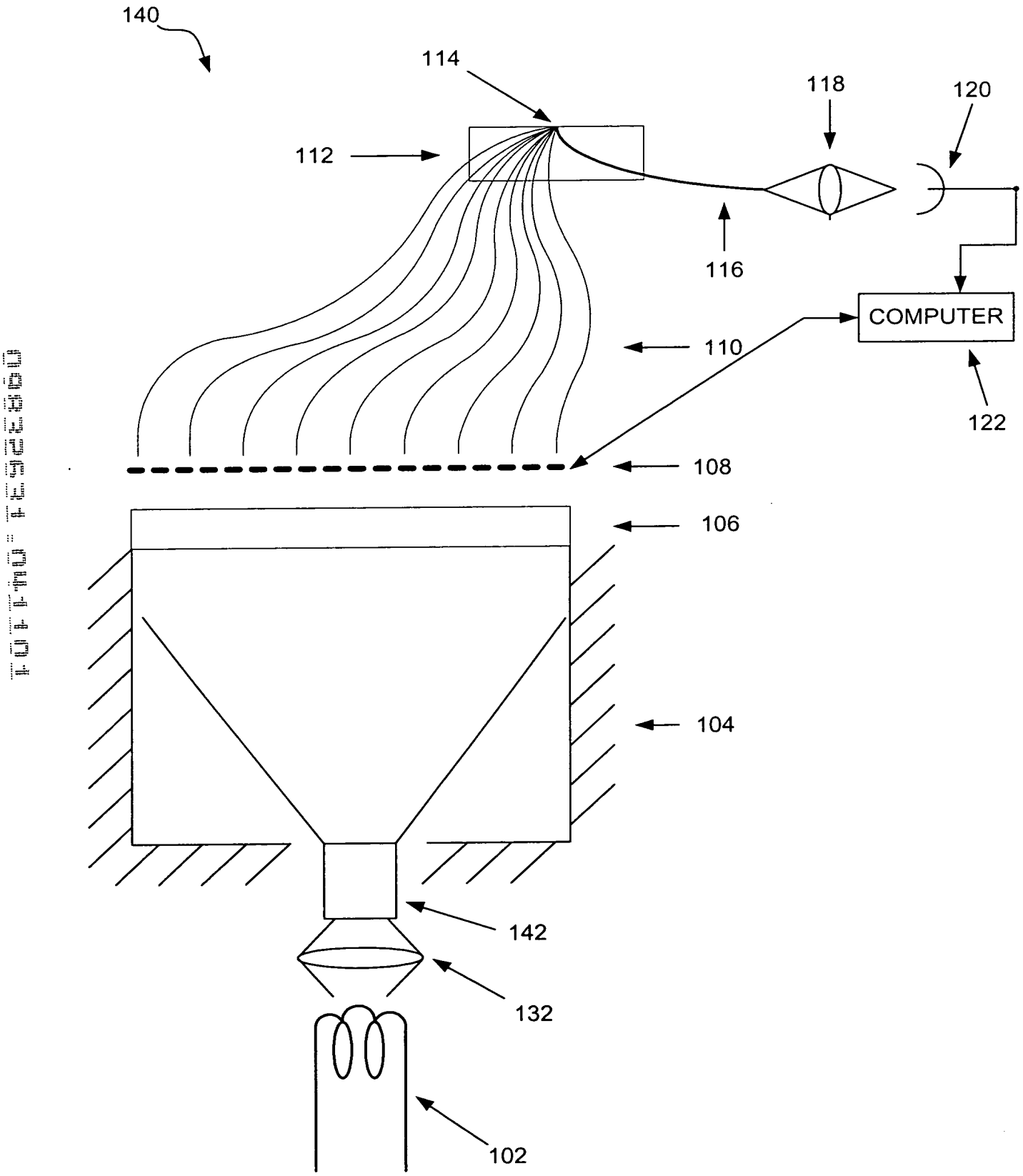
140
114
118
120
112
116
COMPUTER
110
122
108
106
104
142
132
102

Figure 5

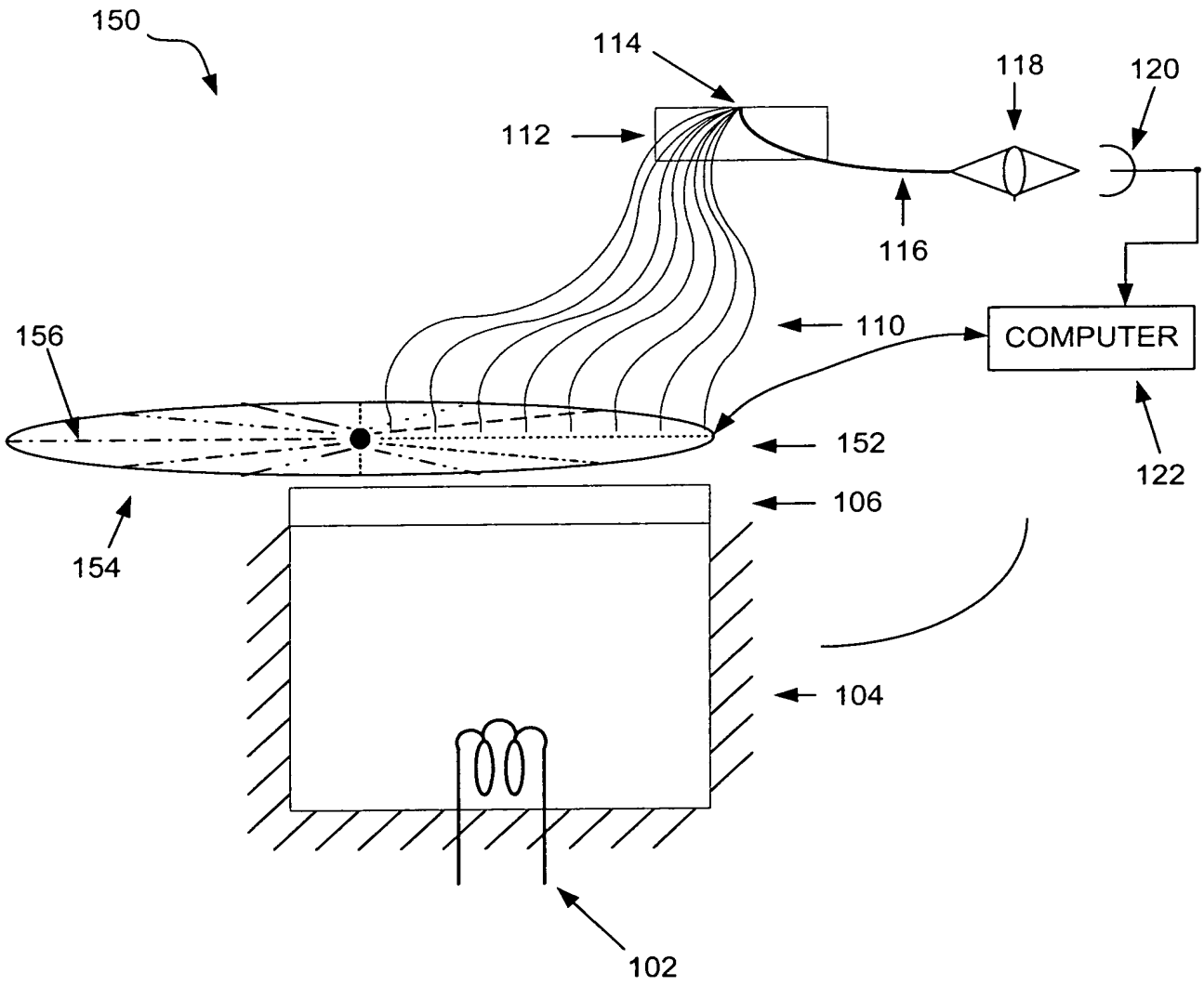
150
114
112
118
120
116
110
COMPUTER
156
152
122
106
154
104
102

Figure 6

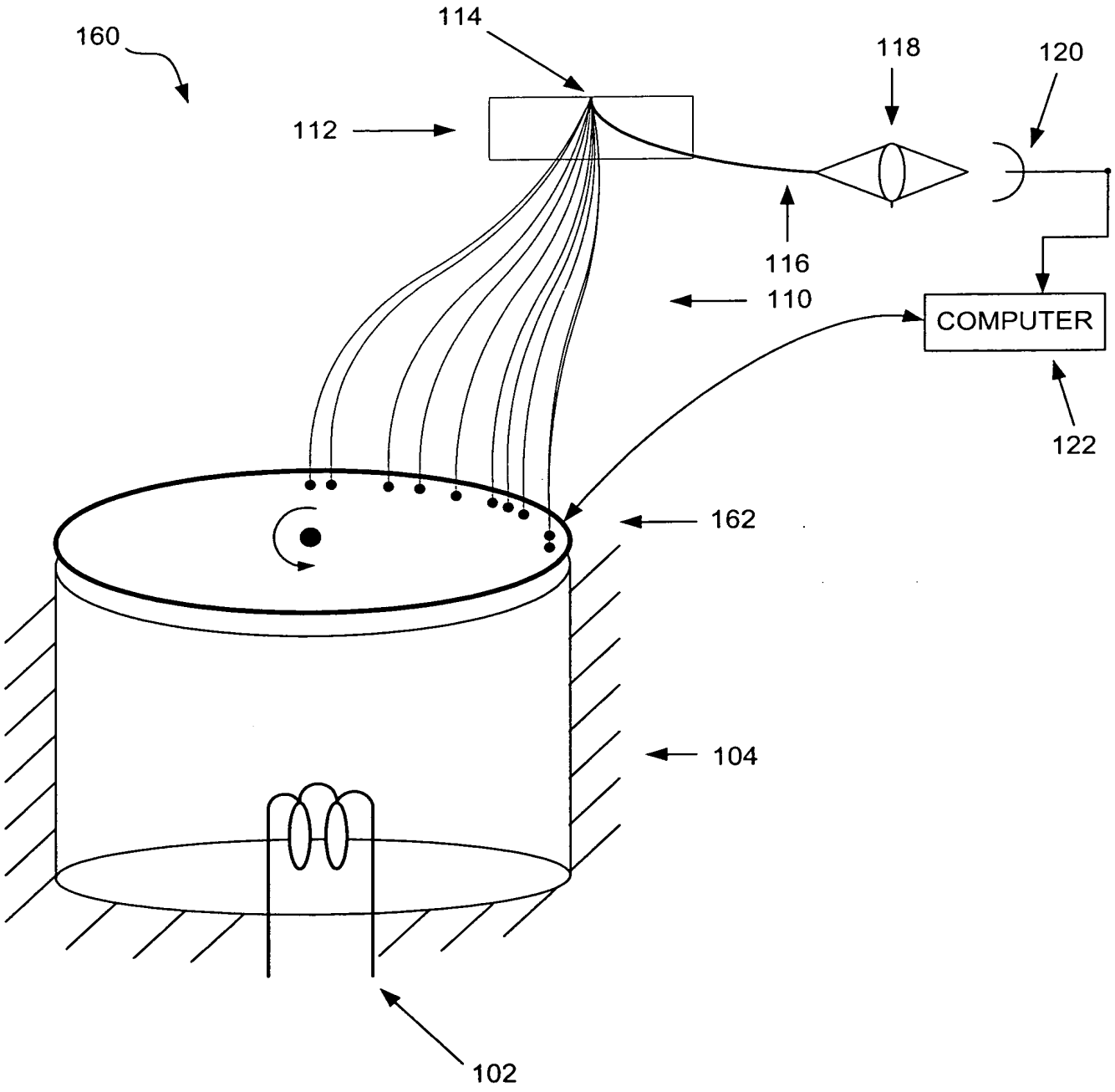

Figure 7

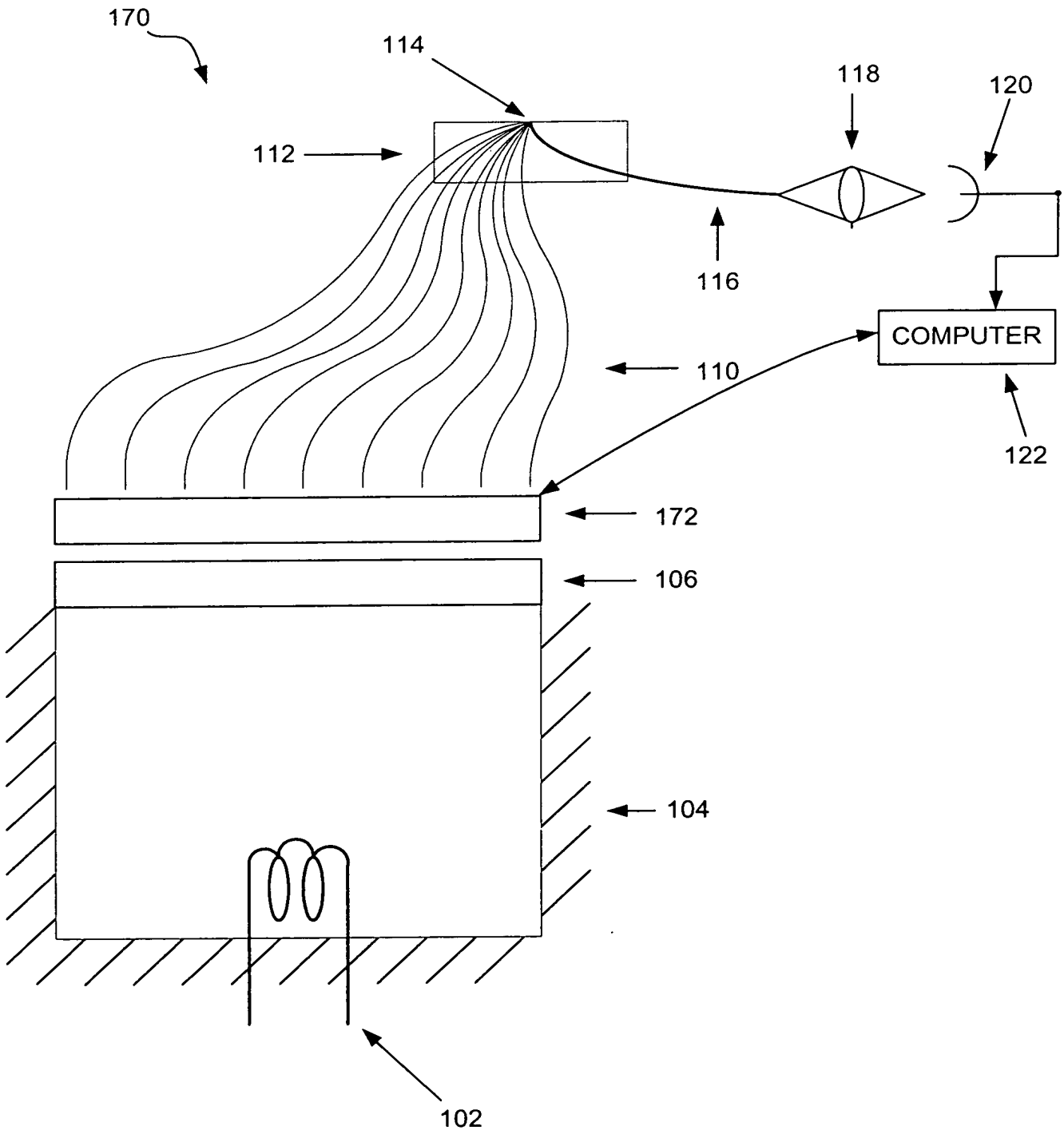

Figure 8

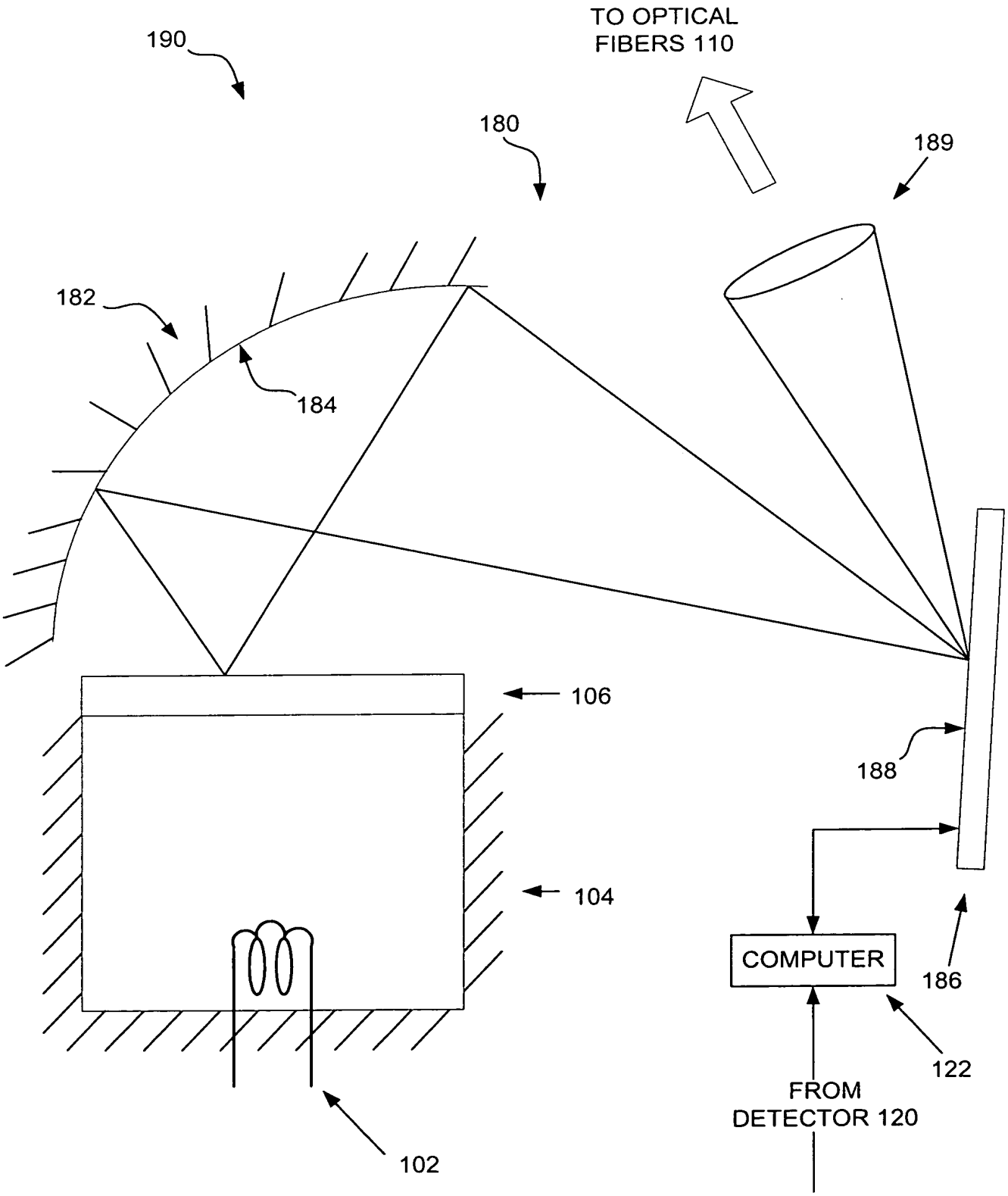
TO OPTICAL
FIBERS 110
190
180
189
182
184
106
104
102
188
COMPUTER
186
122
FROM
DETECTOR 120

Figure 9

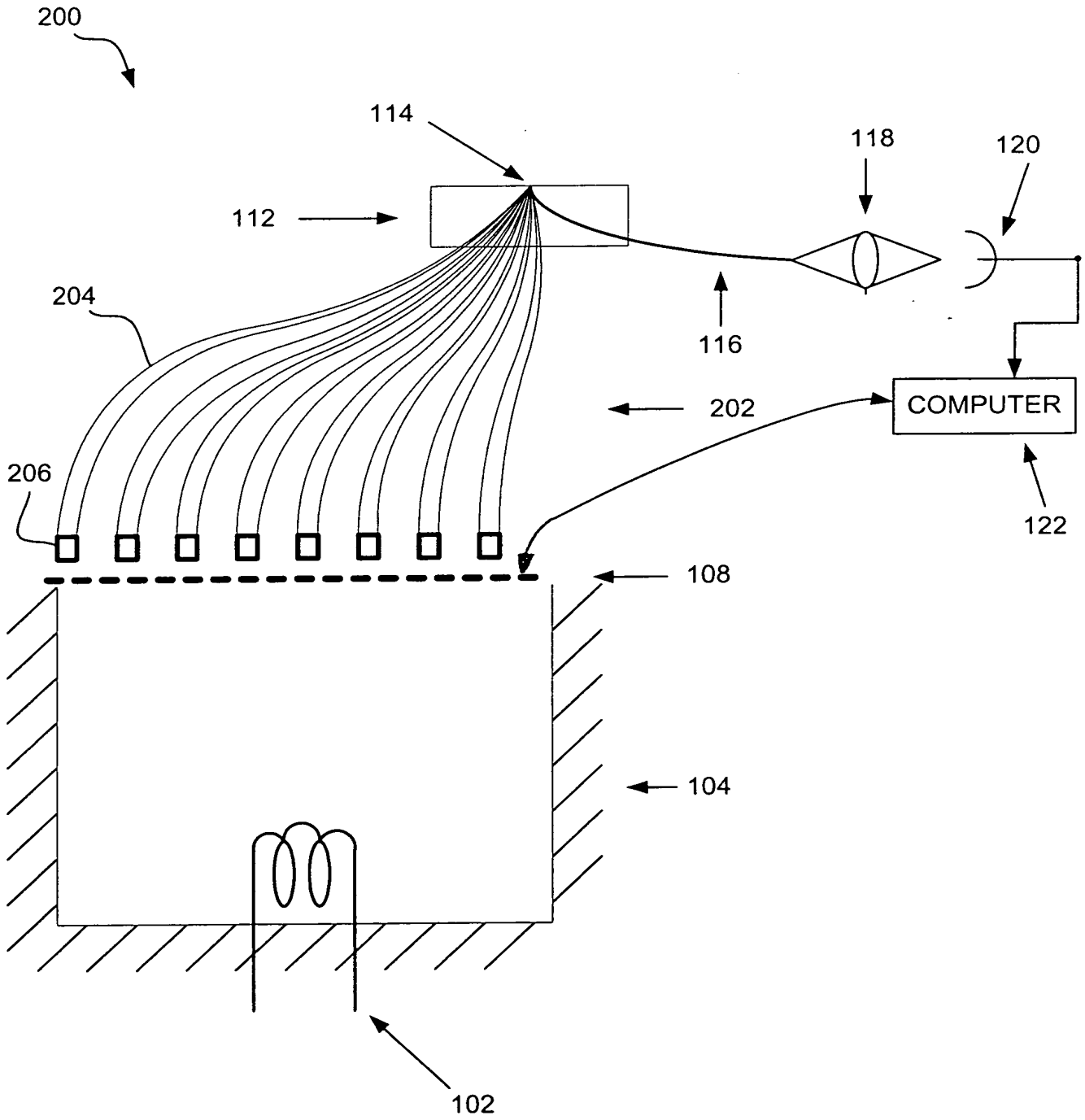

Figure 10

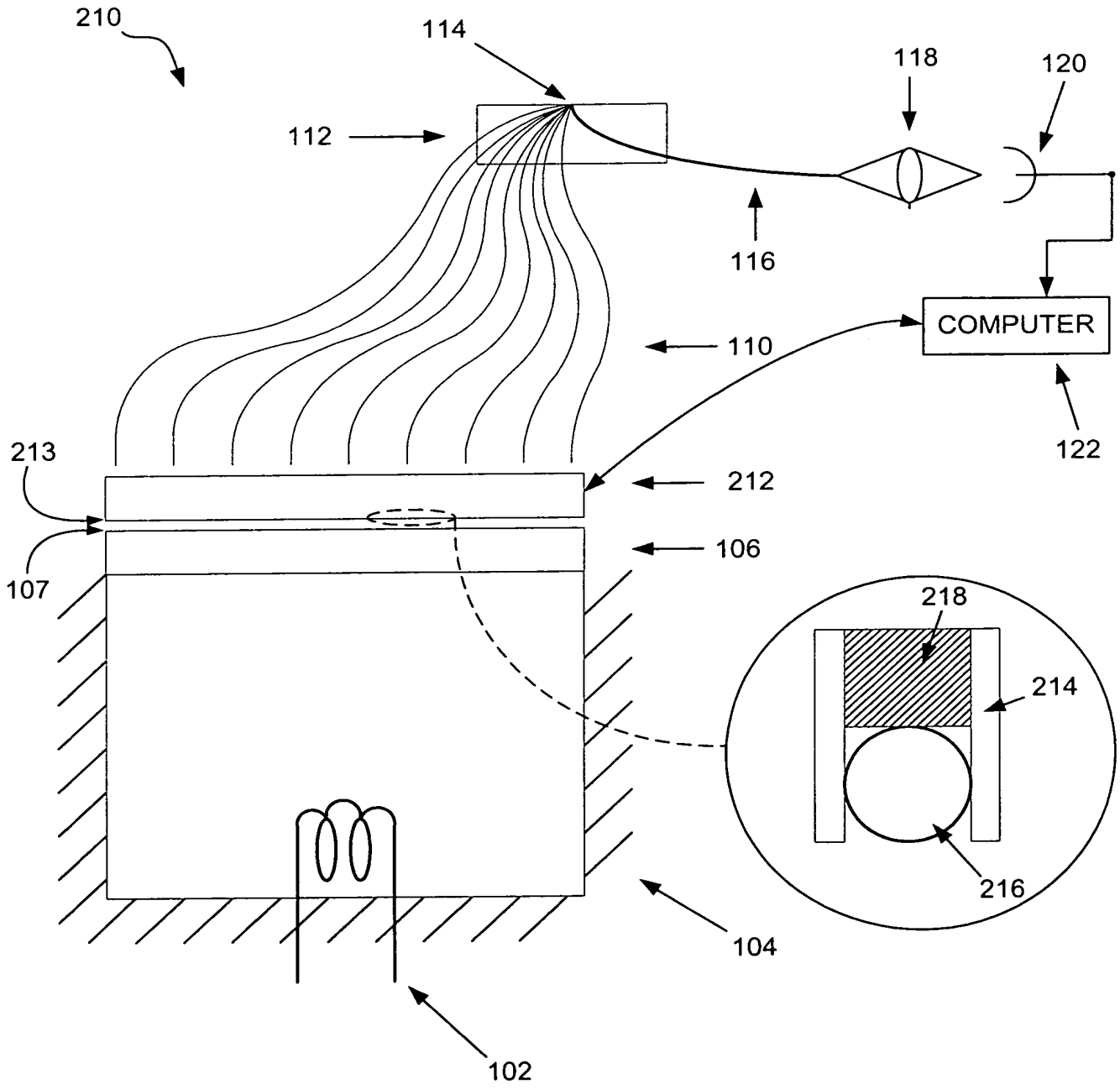
210
114
118
120
112
116
COMPUTER
110
122
213
212
106
107
218
214
216
104
102

Figure 11

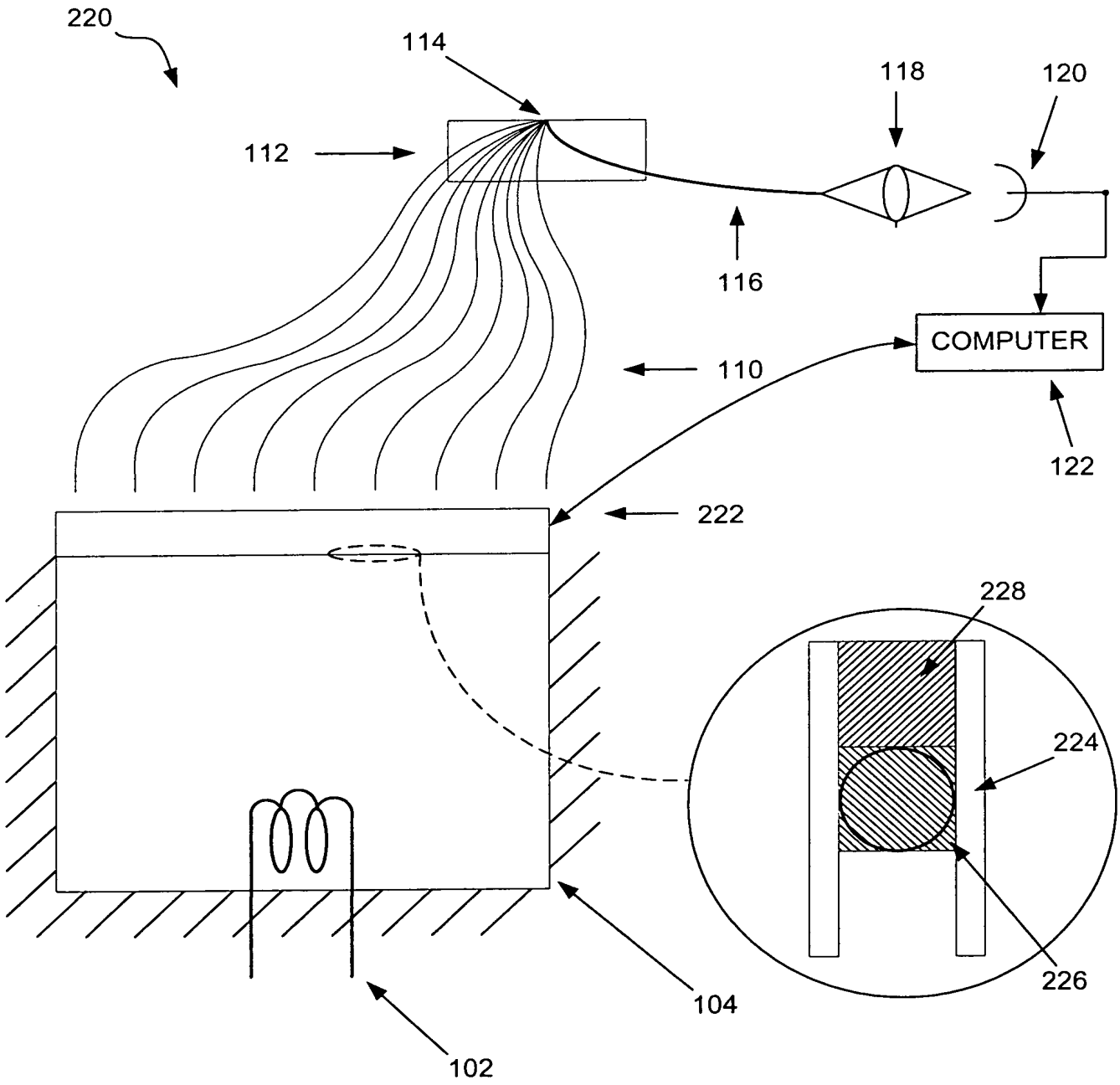
220
114
118
120
112
116
COMPUTER
110
122
222
228
224
226
104
102

Figure 12

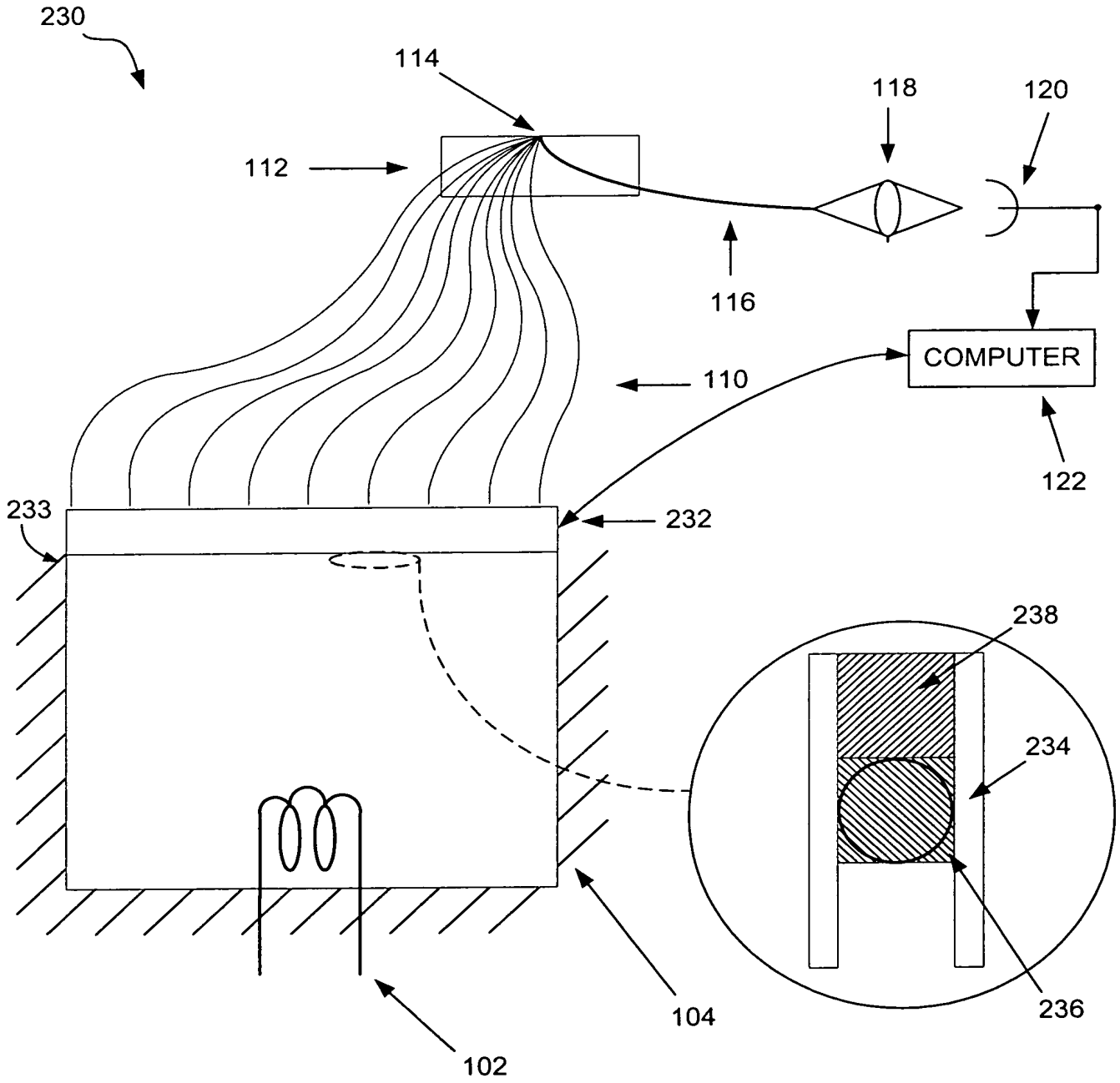
230
114
118
120
112
116
COMPUTER
110
122
233
232
238
234
236
104
102

Figure 13

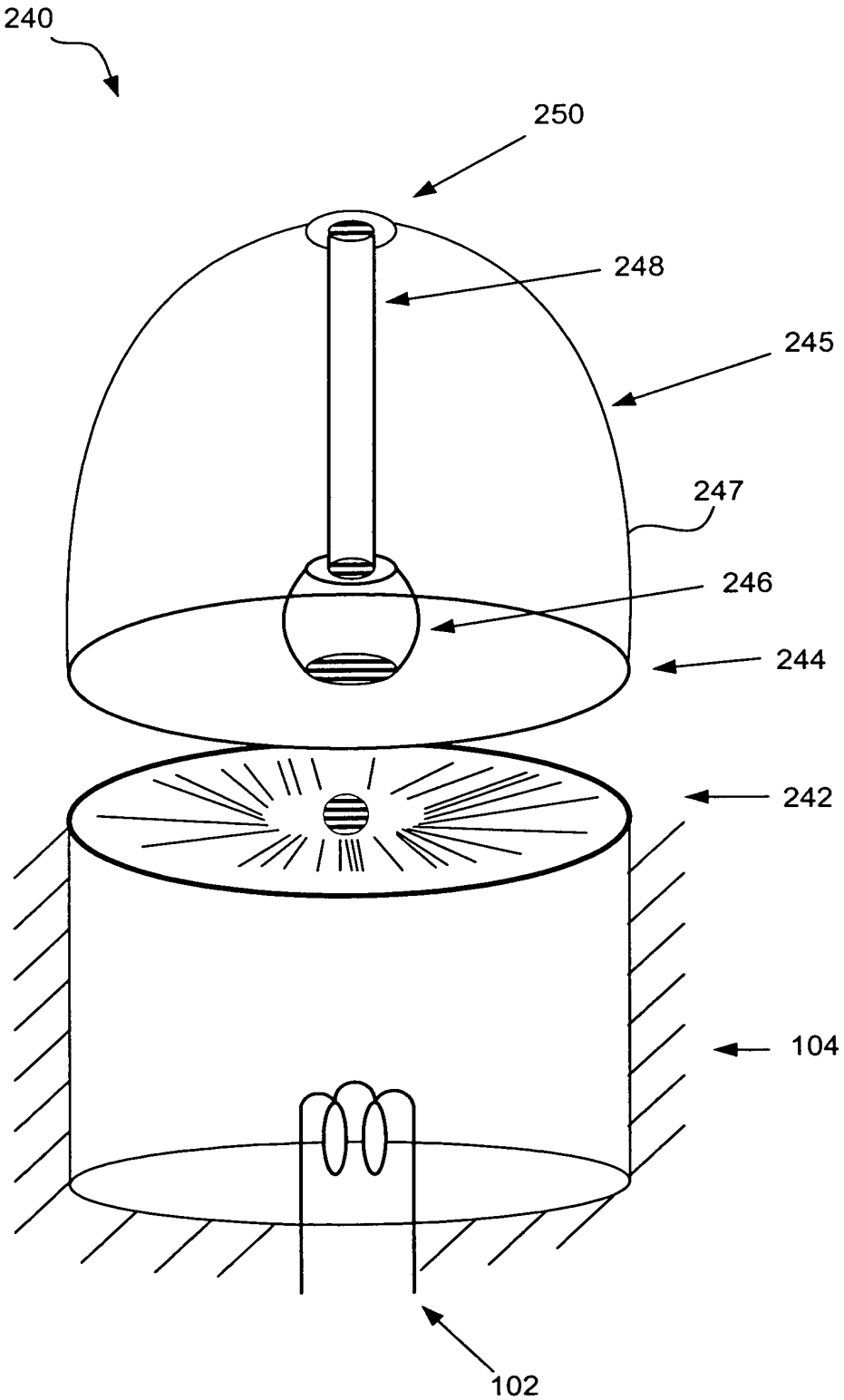

Figure 14

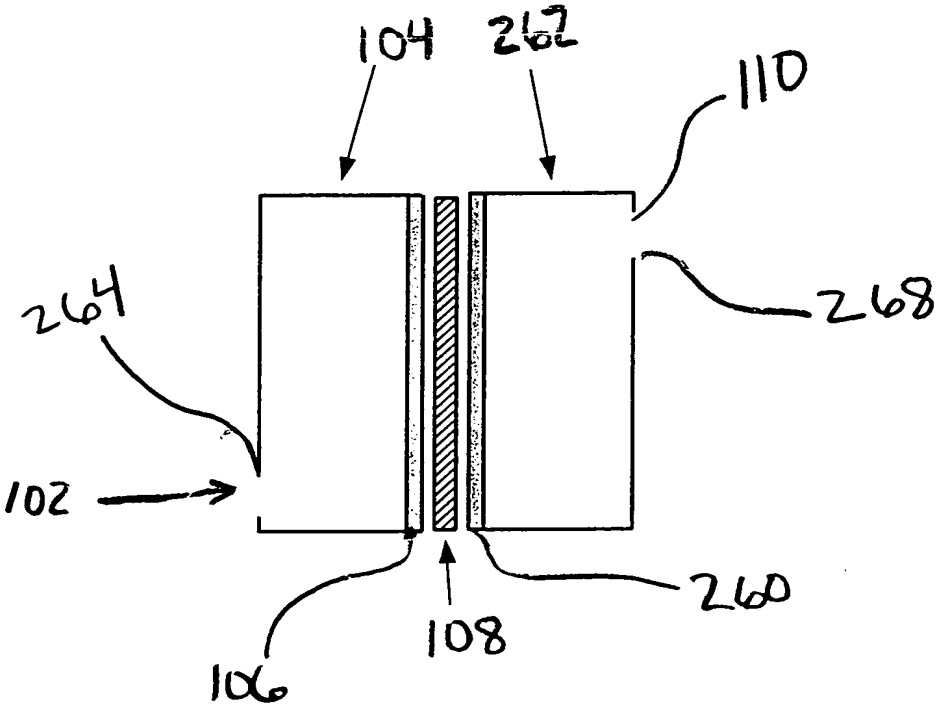

Fig. 15